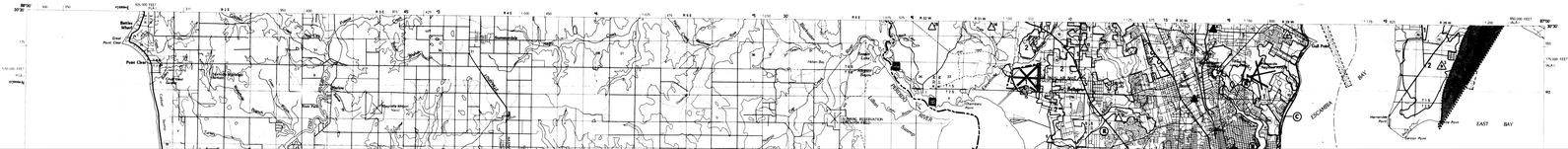
I49.89: 87-147-1/map82



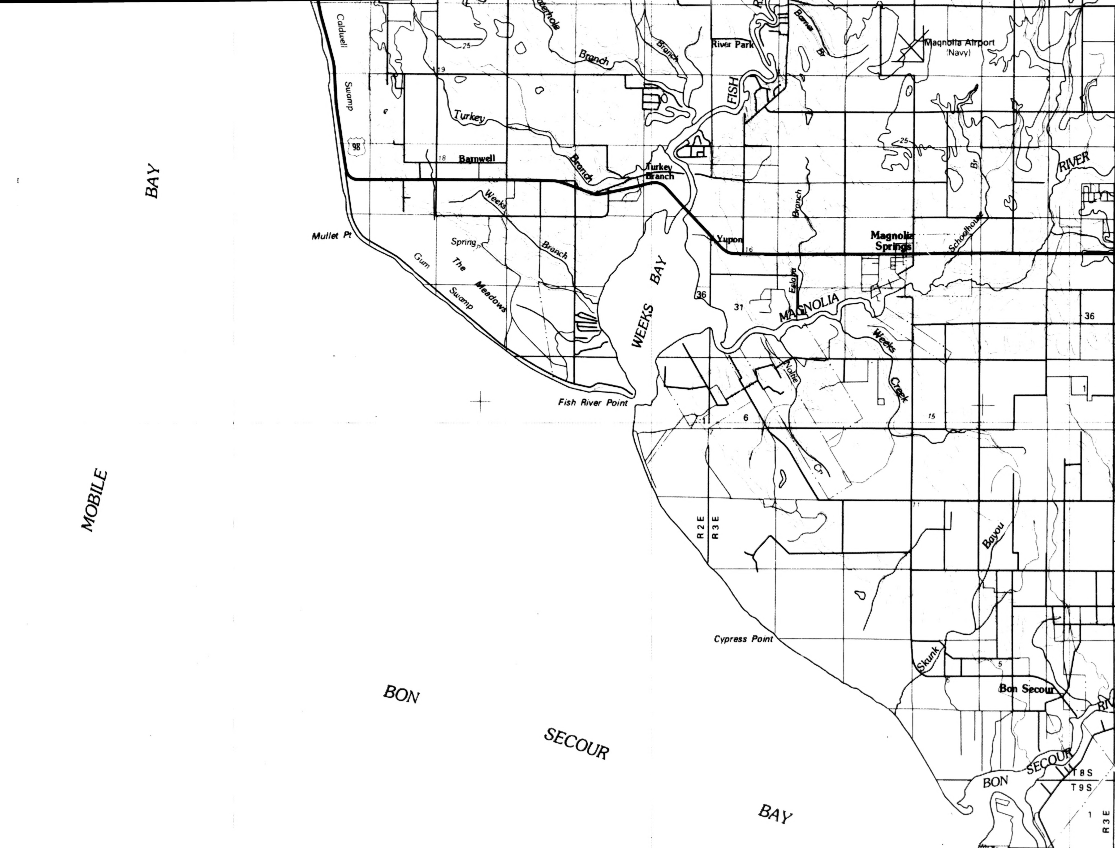
MAP B2

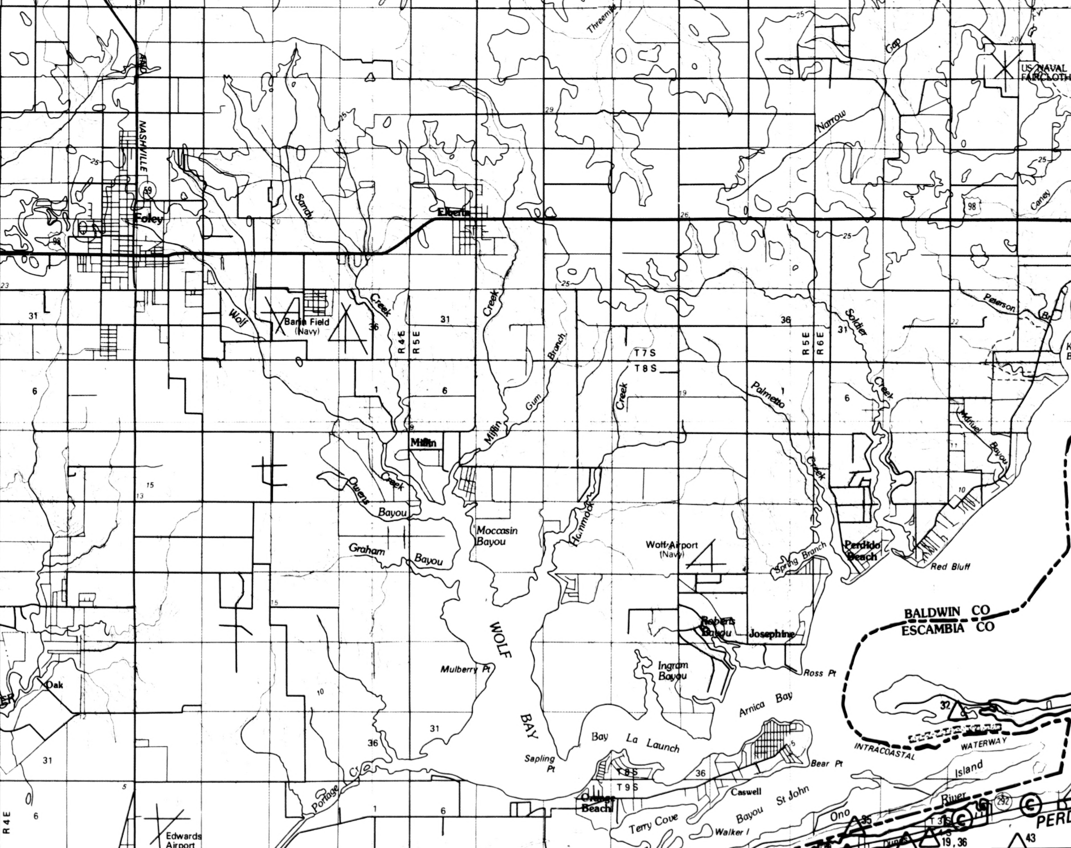
MMS 85-0011
FWS/OBS-82/47.1

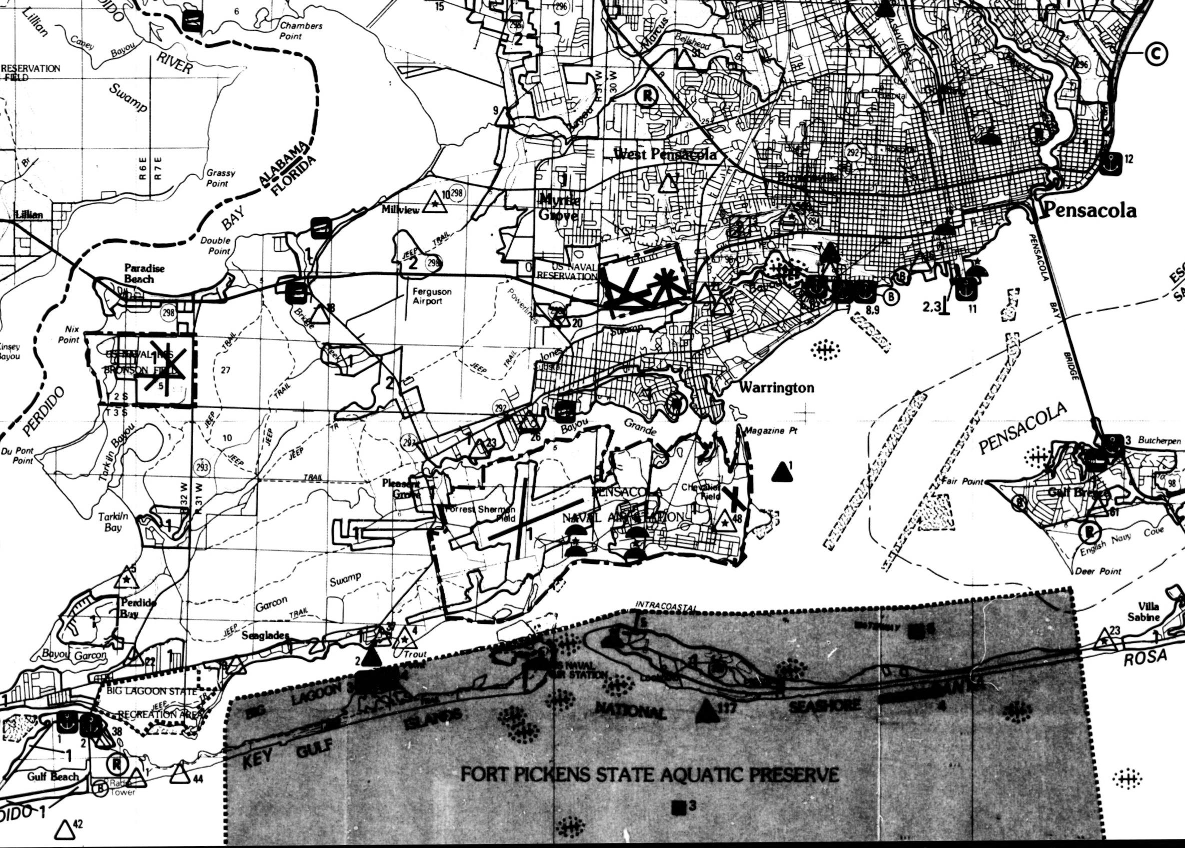
# Pensacola

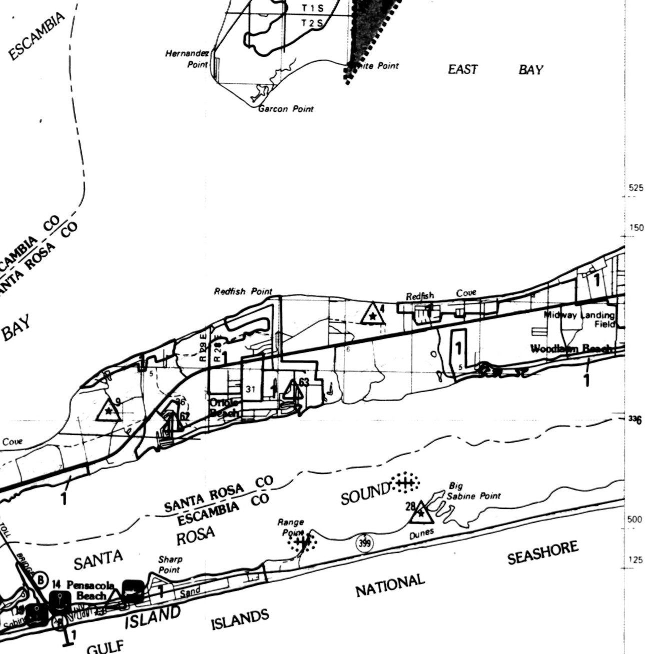
## FLORIDA ECOLOGICAL ATLAS

### SOCIOECONOMIC FEATURES


MOBILE
BAY
Caldwell
Swamp
98
Barnwell
18
19
25
Turkey
Branch
Waterhole
Branch
Branch
River Park
FISH
Bama
Br
Magnolia Airport
(Navy)
25
Br
RIVER
Turkey
Branch
Weeks
Branch
Mullet Pt
Spring
The
Meadows
Gum
Swamp
Yupon
16
Branch
Magnolia
Springs
Schoolhouse
WEEKS BAY
36
31
Eslava
MAGNOLIA
Weeks
Creek
Nolte
Cr
36
1
15
Fish River Point
1
6
7
R 2 E
R 3 E
11
Bayou
Cypress Point
Skunk
5
6
Bon Secour
BON
SECOUR
BAY
BON SECOUR
T 8 S
T 9 S
1
R 3 E

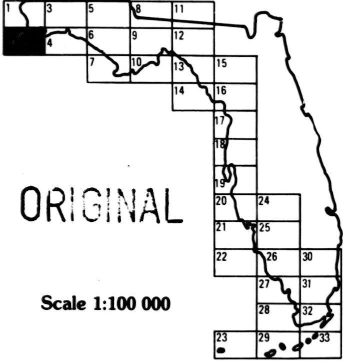

Foley
NASHVILLE
59
98
Elberta
Sandy
Wolf
Creek
Barin Field
(Navy)
R 4 E
R 5 E
R 6 E
T 7 S
T 8 S
T 9 S
Gum
Branch
Miflin
Miflin
Creek
Owens
Bayou
Graham
Bayou
Moccasin
Bayou
Hammock
Wolf Airport
(Navy)
Palmetto
Soldier
Creek
Peterson
Br
Narrow
Gap
Threemile
Caney
US NAVAL
FAIRCLOTH
Spring Branch
Perdido
Beach
Red Bluff
Miguel
Bayou
BALDWIN CO
ESCAMBIA CO
Roberts
Bayou
Josephine
Ross Pt
Ingram
Bayou
Arnica Bay
WOLF
BAY
Mulberry Pt
Bay La Launch
Sapling
Pt
Portage
Cr
Orange
Beach
Terry Cove
Caswell
Bayou St John
Walker I
Ono
Island
River
Bear Pt
INTRACOASTAL
WATERWAY
32
35
43
19, 36
292
PERD
Oak
Edwards
Airport
25
20
22
23
26
29
31
36
1
6
10
11
13
15
19


Pensacola
West Pensacola
Brownsville
Warrington
Myrtle Grove
Millview
Lillian
Chambers Point
Caney Bayou
RIVER
Swamp
RESERVATION FIELD
R 6 E
R 7 E
Grassy Point
ALABAMA
FLORIDA
BAY
Double Point
Paradise Beach
Nix Point
Kinsey Bayou
US NAVAL AAS BRONSON FIELD
PERDIDO
Du Pont Point
Tarkiln Bayou
Tarkiln Bay
R 32 W
R 31 W
R 30 W
2 S
T 3 S
JEEP
TRAIL
Ferguson Airport
US NAVAL RESERVATION
Powerlines
Swamp
Jones Swamp
Bayou Grande
Magazine Pt
Pleasant Grove
Forrest Sherman Field
PENSACOLA NAVAL AIR STATION
Chevalier Field
PENSACOLA BAY BRIDGE
PENSACOLA
Butcherpen
Fair Point
Gulf Breeze
English Navy Cove
Deer Point
Villa Sabine
ROSA
Perdido Bay
Garcon
Swamp
Seaglades
Trout
Bayou Garcon
BIG LAGOON STATE RECREATION AREA
BIG LAGOON
GULF ISLANDS NATIONAL SEASHORE
INTRACOASTAL
KEY
US NAVAL AIR STATION
FORT PICKENS STATE AQUATIC PRESERVE
Gulf Beach
Radio Tower
PERDIDO
Bellshead
Marcus
Bayou
Hospital
Bridge
Bayou
ESC
SA
15
296
298
292
295
297
293
294
98
12
11
2.3
8.9
20
18
23
26
48
117
44
42
38
37
22
10
27
5
4
3
2
1


ESCAMBIA
T 1 S
T 2 S
Hernandez Point
White Point
EAST BAY
Garcon Point
ESCAMBIA CO
SANTA ROSA CO
BAY
525
150
Redfish Point
Redfish Cove
Midway Landing Field
Woodlawn Beach
R 29 E
R 28
Oriole Beach
31
63
62
26
9
4
5
6
1
Cove
336
SANTA ROSA CO
ESCAMBIA CO
SOUND
Big Sabine Point
28
Range Point
Dunes
399
500
125
ROSA
SANTA
Sharp Point
SEASHORE
NATIONAL
14 Pensacola Beach
Sand
ISLAND
ISLANDS
GULF
TOLL BRIDGE
B
Sabine

10

9


1
3
5
8
11
4
6
9
12
7
10
13
15
14
16
17
18
19
20
24
21
25
22
26
30
27
31
28
32
23
29
33

ORIGINAL

Scale 1:100 000

TOPICAL MAPS IN THIS ATLAS:

- A. BIOLOGICAL RESOURCES
- B. SOCIOECONOMIC FEATURES
- C. SOILS AND LANDFORMS
- D. OIL, GAS AND MINERALS
- E. HYDROLOGY AND CLIMATOLOG

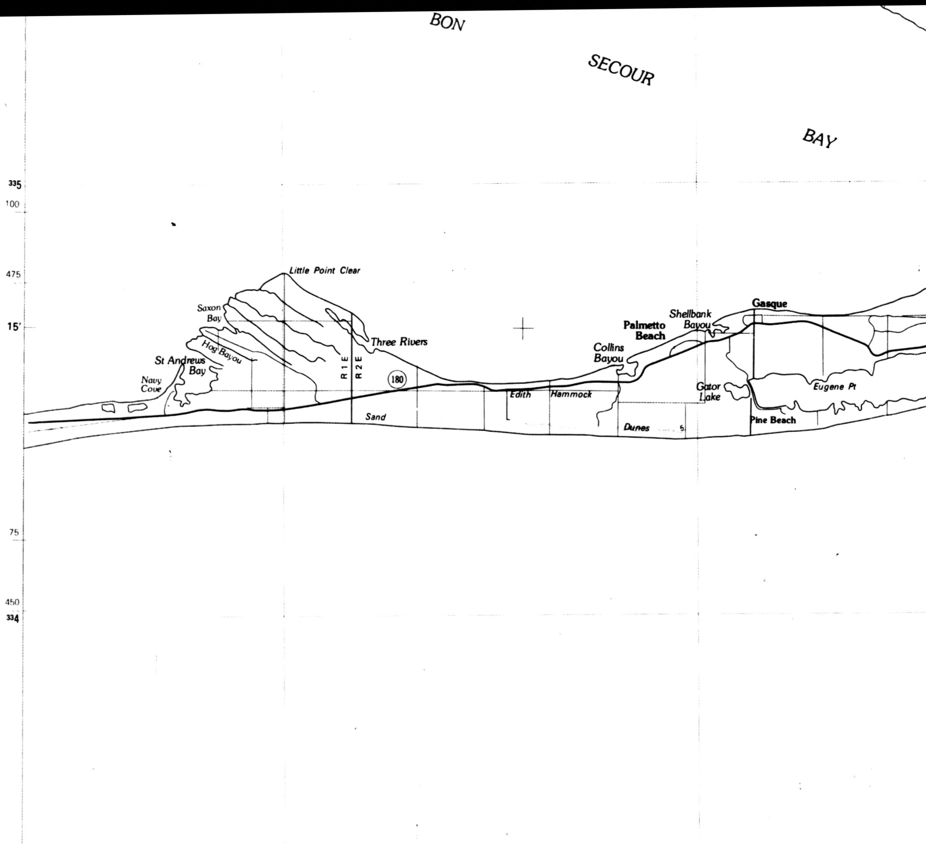
U.S. DEPARTMENT OF THE INTERIOR
MARCH 3, 1849

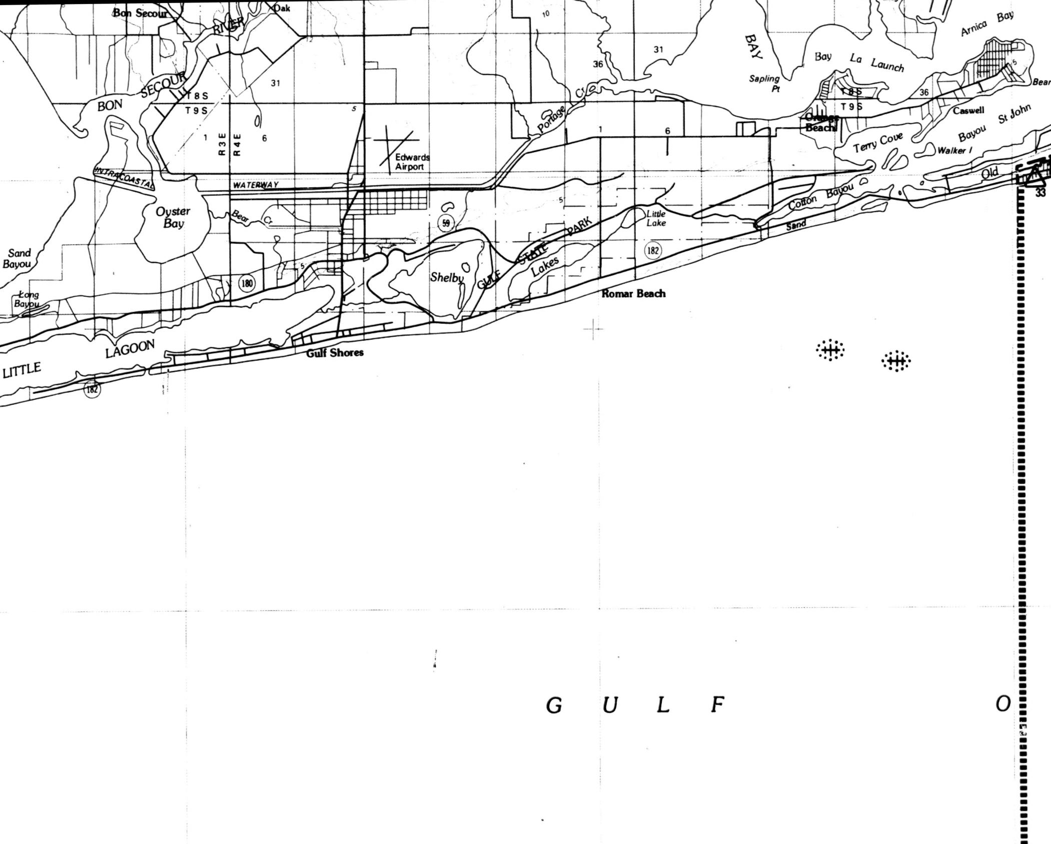
1984

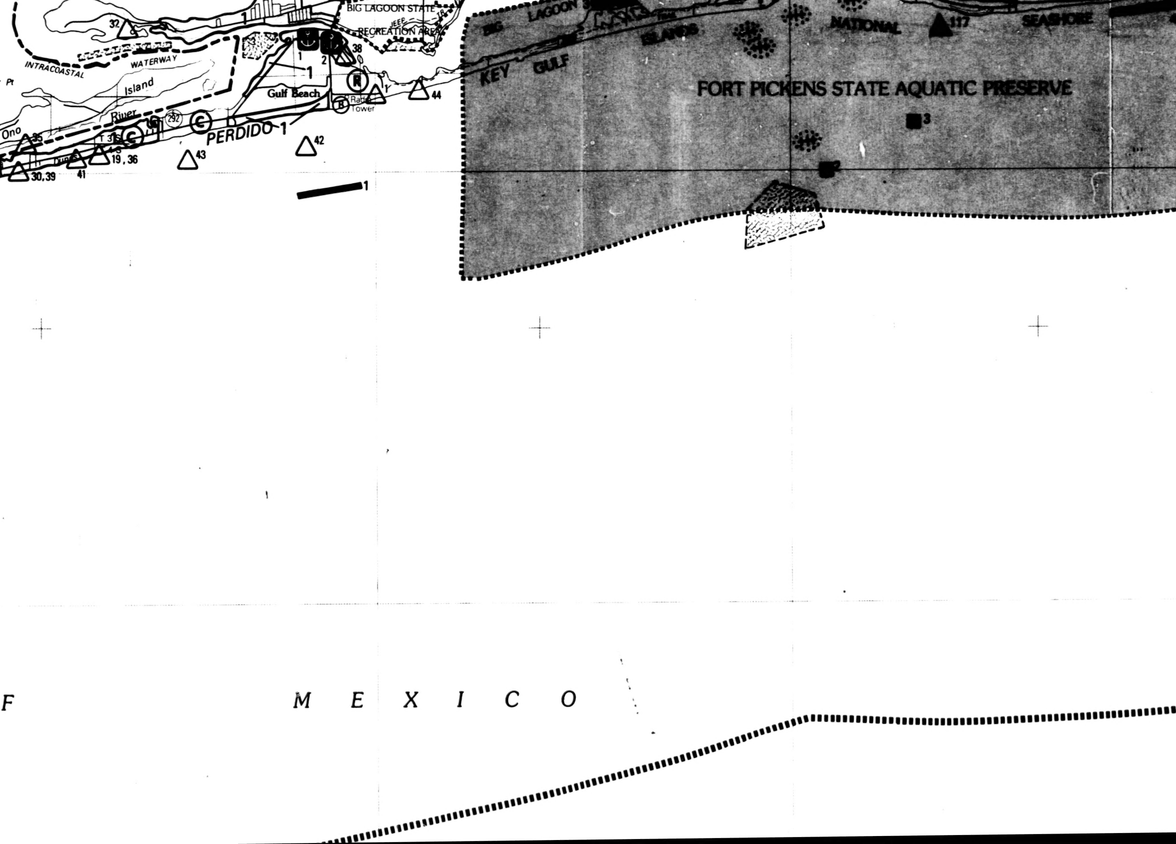
Produced by U.S. Fish and Wildlife Service
and Minerals Management Services

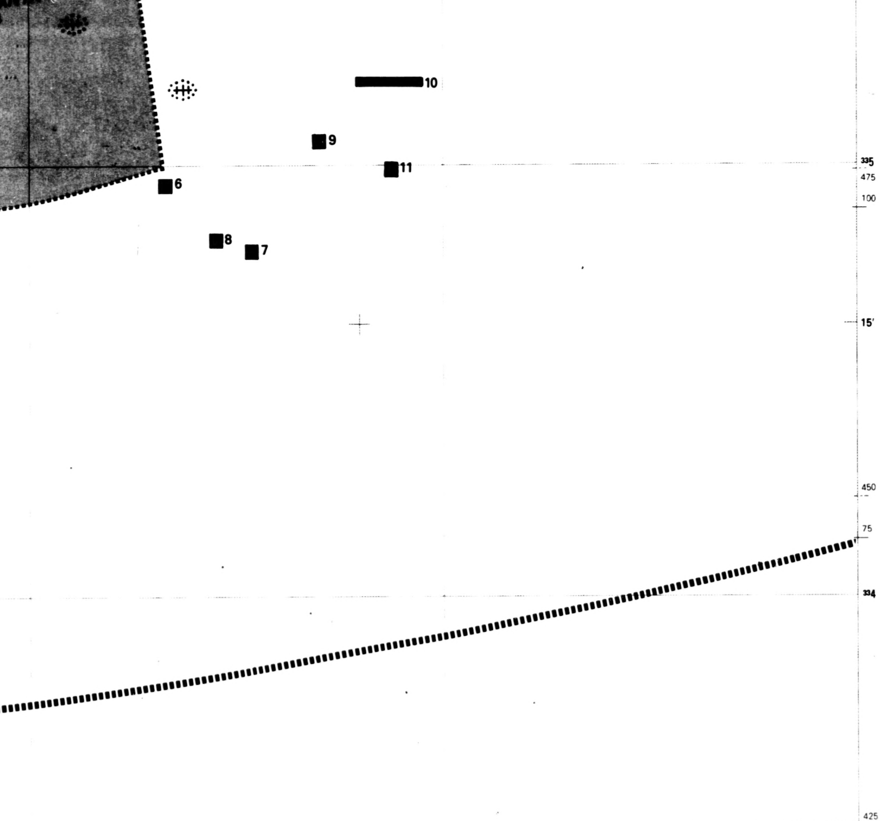
Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
25,000-foot grid ticks based on Florida coordinate system, west zone

Y


BON
SECOUR
BAY
335
100
475
15′
75
450
334
Little Point Clear
Saxon Bay
Hog Bayou
St Andrews Bay
Navy Cove
Three Rivers
R 1 E
R 2 E
180
Sand
Edith
Hammock
Dunes
5
Collins Bayou
Palmetto Beach
Shellbank Bayou
Gasque
Gator Lake
Pine Beach
Eugene Pt


Bon Secour
Oak
RIVER
BON
SECOUR
T 8 S
T 9 S
R 3 E
R 4 E
1
6
31
5
10
36
31
BAY
Sapling Pt
Bay La Launch
Arnica Bay
Bear
Orange Beach
T 8 S
T 9 S
36
Caswell
St John
Bayou
Terry Cove
Walker I
Portage Cr
1
6
Edwards Airport
INTRACOASTAL
WATERWAY
Oyster Bay
Bear Cr
59
5
Little Lake
Old
33
Cotton Bayou
Sand
PARK
STATE
GULF
Shelby
Lakes
182
Romar Beach
Sand Bayou
Long Bayou
180
5
LITTLE
LAGOON
Gulf Shores
182
G U L F
O


BIG LAGOON STATE
RECREATION AREA
JEEP
INTRACOASTAL
WATERWAY
Pt
Island
River
Ono
Gulf Beach
Radio
Tower
292
T 3S
Dunes
PERDIDO
1
2
1
30,39
41
19, 36
43
42
44
35
32
38
BIG
LAGOON
ISLANDS
NATIONAL
SEASHORE
117
KEY
GULF
FORT PICKENS STATE AQUATIC PRESERVE
3
2
F
MEXICO

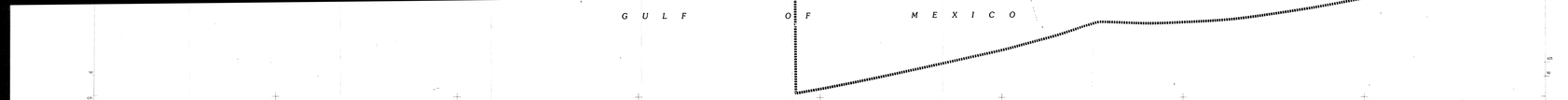

10
9
11
6
8
7
335
475
100
15′
450
75
334
425

Produced by U.S. Fish and Wildlife Service
and Minerals Management Services

Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
25,000-foot grid ticks based on Florida coordinate system, west zone

Overlay material compiled in 1983 from latest available data obtained from Federal, State and Local government agencies and other sources.

▬ ▬ ▬ ▬	NATIONAL LANDS: PARKS, PRESERVES, WILDERNESS AREAS, WILDLIFE REFUGES, MARINE AND ESTUARINE SANCTUARIES, AND MILITARY LANDS
••••••••••	STATE PARKS, RECREATION AREAS, WILDERNESS AREAS AND WILDLIFE MANAGEMENT AREAS
⬚	STATE AQUATIC PRESERVE NOTE: Only those lands waterward of the mean high-water line, within this boundary area, are within the aquatic preserve.
Ⓒ	CONSERVATION LAND (STATE-OWNED) (Environmentally Endangered Land, Water Management Land and Archaeological and Historical Preservation Land)
Ⓡ	RECREATION LAND (≥ 25 ACRES) (County and Municipal Parks and Recreation Areas)
Ⓑ	INTENSIVELY UTILIZED RECREATIONAL BEACH ACCESS POINT
⚓	MARINA*
▬	CHARTER AND/OR HEAD BOAT LOCATION
⚌	PUBLIC BOAT RAMP
■	FLORIDA CANOE TRAIL SYSTE




INTENSIVELY UTILIZED RECREATIONAL BEACH ACCESS POINT

MARINA*

CHARTER AND/OR HEAD BOAT LOCATION

PUBLIC BOAT RAMP

FLORIDA CANOE TRAIL SYSTEM

MAJOR PUBLIC FISHING PIER*

ARTIFICIAL REEF*
(Permitted by Florida Dept. of Environmental Regulation) Numbers next to reefs refer to composition data in narrative. Reef shapes vary on map.

SHIPWRECK (SUNKEN OR EXPOSED)

MAJOR OFFSHORE STRUCTURE
(≥ 50 FEET IN HEIGHT)

LAND USE

1 Urban Land

2 Agricultural Land

3 Range Land

All other land use classifications not pertinent concern primarily of wetlands and other habitats. Wetlands mapping units are delineated on Map 4, Biological Resources.

LANDFILL*

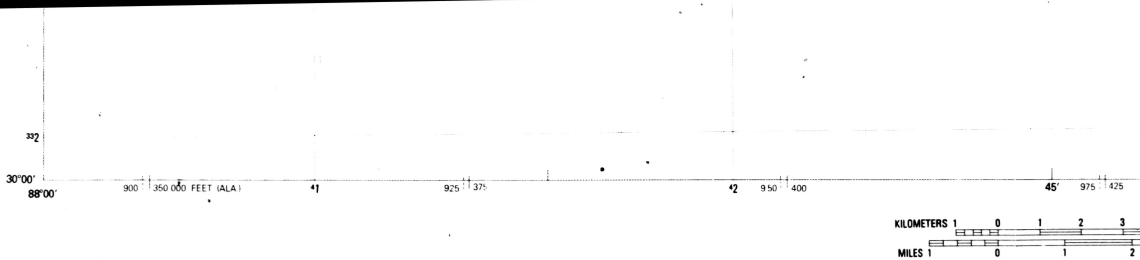
Class 1 (≥ 200 tons/month or ≥ 50 cubic yards/month)

Class 2 (< 200 tons/month or < 50 cubic yards/month)

DREDGE SPOIL DISPOSAL SITE
(Permitted by the U.S. Army Corps of Engineers)

POINT SOURCE DISCHARGE*
(Permitted by the Florida Dept. of Environmental Regulation)

MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)


3332
30°00′
88°00′
900
350 000 FEET (ALA.)
41
925
375
42
950
400
45′
975
425
KILOMETERS 1 0 1 2 3
MILES 1 0 1 2

THE FLORIDA ECOLOGICAL ATLAS WAS PRODUCED BY THE U.S. FISH AND WILDLIFE SERVICE, DIVISION OF BIOLOGICAL SERVICES, NATIONAL COASTAL ECOSYSTEMS TEAM (FWS/OBS - 82/47) AND THE MINERALS MANAGEMENT SERVICE FOR COASTAL PLANNERS, DECISION MAKERS, AND THE GENERAL PUBLIC, TO DETERMINE AND EVALUATE CHANGE AND TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND WILDLIFE REQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY. THE STUDY AREA INCLUDES THE COASTAL COUNTIES: ESCAMBIA, SANTA ROSA, OKALOOSA, WALTON, WASHINGTON, BAY, CALHOUN, GULF, FRANKLIN, WAKULLA, JEFFERSON, TAYLOR, DIXIE, LEVY, CITRUS AND HERNANDO, AND EXTENDS OFFSHORE APPROXIMATELY 10 MILES. THERE IS NO ATTEMPT, IN THE DESIGN OR PRODUCTS OF THIS STUDY, TO DEFINE THE LIMITS OF PROPRIETARY JURISDICTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENT TO ESTABLISH THE GEOGRAPHICAL SCOPE OF THE REGULATORY PROGRAMS OF GOVERNMENT AGENCIES.

THIS MAP HAS BEEN COMPILED FROM A VARIETY OF SOURCE MATERIALS INCLUDING MAPS, AERIAL PHOTOS, AND REPORTS. SINCE MANY SOURCES CONTAINED GENERALIZED LOCATIONS OF RESOURCES AND OTHER MAPPED FEATURES, THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENTS OF DISTANCES OR AREAS.

## PRIMARY SOURCES OF MAPPED INFORMATION:

**FEDERAL & STATE CONSERVATION, PRESERVATION & RECREATION AREAS:** Fla. Dept. of Transportation, Areas of Environmental Concern Map Series, 1981.

**MILITARY LANDS:** Fla. Dept. of Transportation, Areas of Environmental Concern Map Series, 1981.

**ARTIFICIAL REEFS:** Fla. Sea Grant Program, 1982.

**OFFSHORE STRUCTURES & SHIPWRECKS:** National Ocean Survey Nautical Charts and Computer Printouts, 1981.

**LAND USE CLASSIFICATION:** U.S. Geological Survey Land Use Classification Maps, 1975.

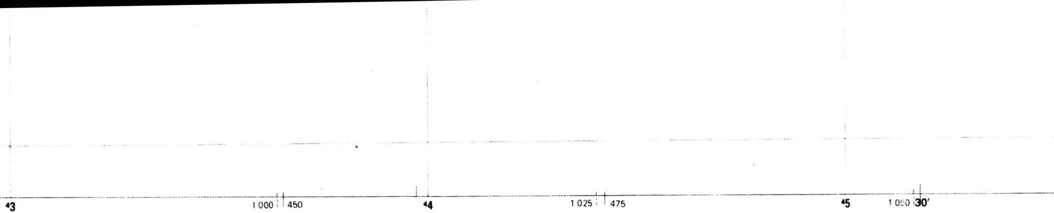
**POINT SOURCE DISCHARGES AND LANDFILLS:** Fla. Dept. of Environmental Regulation Computer Printouts, 1981.

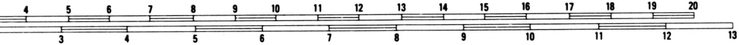
**DREDGE SPOIL DISPOSAL SITES:** Fla. Dept. of Environmental Regulation, 1981.

**HISTORICAL & ARCHAEOLOGICAL SITES:** Compilation from Fla. Bureau of Historic Preservation, 1982.

**NATURE CONSERVANCY LANDS:** Data provided by The Nature Conservancy, 1983.

**FOR COMPLETE REFERENCES SEE MAP NARRATIVE**


⁴3
1 000
450
⁴4
1 025
475
⁴5
1 050
30′

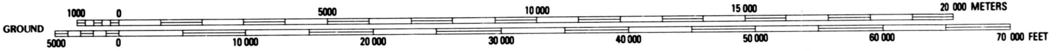

4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
3
4
5
6
7
8
9
10
11
12
13

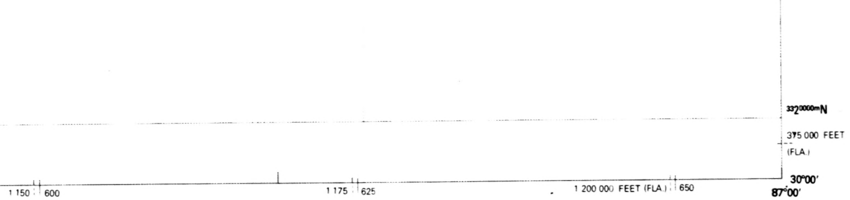
# SCALE 1:100 000

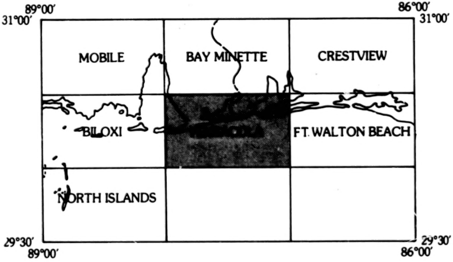
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE

CONTOUR INTERVAL 5 METERS

1 075
525
1 100
550
47
1 125
575
15′
480000m E


1000
0
5000
10 000
15 000
20 000 METERS
GROUND
5000
0
10 000
20 000
30 000
40 000
50 000
60 000
70 000 FEET

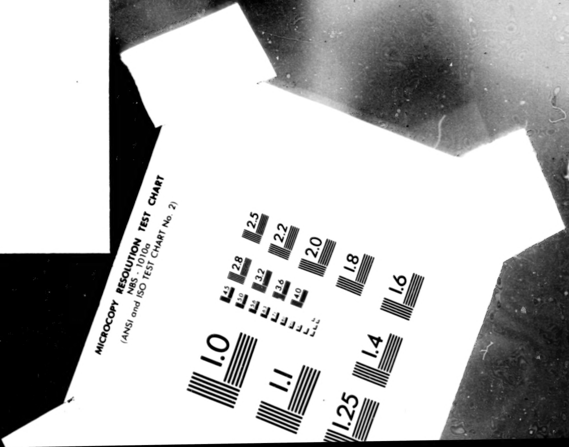
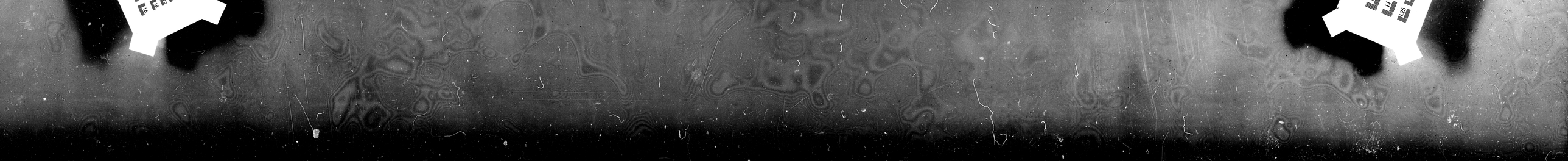

3320000mN
375 000 FEET
(FLA.)
30°00′
87°00′
1 150
600
1 175
625
1 200 000 FEET (FLA.)
650


89°00′
31°00′
86°00′
31°00′
MOBILE
BAY MINETTE
CRESTVIEW
BILOXI
FT. WALTON BEACH
NORTH ISLANDS
29°30′
89°00′
29°30′
86°00′

| | |
|---|---|
| ▨ | < 50 cubic yards/month) |
| ▨ | DREDGE SPOIL DISPOSAL SITE<br>(Permitted by the U.S. Army Corps of Engineers) |
| | POINT SOURCE DISCHARGE*<br>(Permitted by the Florida Dept. of Environmental Regulation) |
| ▲ | Industrial Point Source |
| △ | Municipal Point Source |
| ✺ | NATIONAL NATURAL LANDMARK |
| ★ | NATIONAL REGISTER OF HISTORIC PLACES |
| ⚠ | ARCHAEOLOGICAL AND HISTORICAL SITES<br>(Number next to symbol represents total number of archaeological and historic sites per township and range) |
| ⊛ | NATURE CONSERVANCY LAND |
| | STUDY AREA BOUNDARY |
| ▪▪▪▪▪▪▪▪▪▪ | Offshore |
| — — — — | Inland (County) |
| — - - — | Inland (State) |

*Symbols appearing with numbers are described more fully in the narrative.

MICROFILMED FROM
BEST AVAILABLE COPY


MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)
2.5
2.2
2.0
1.8
1.6
2.8
3.2
3.6
4.0
4.5
5.0
5.6
6.3
1.0
1.1
1.25
1.4